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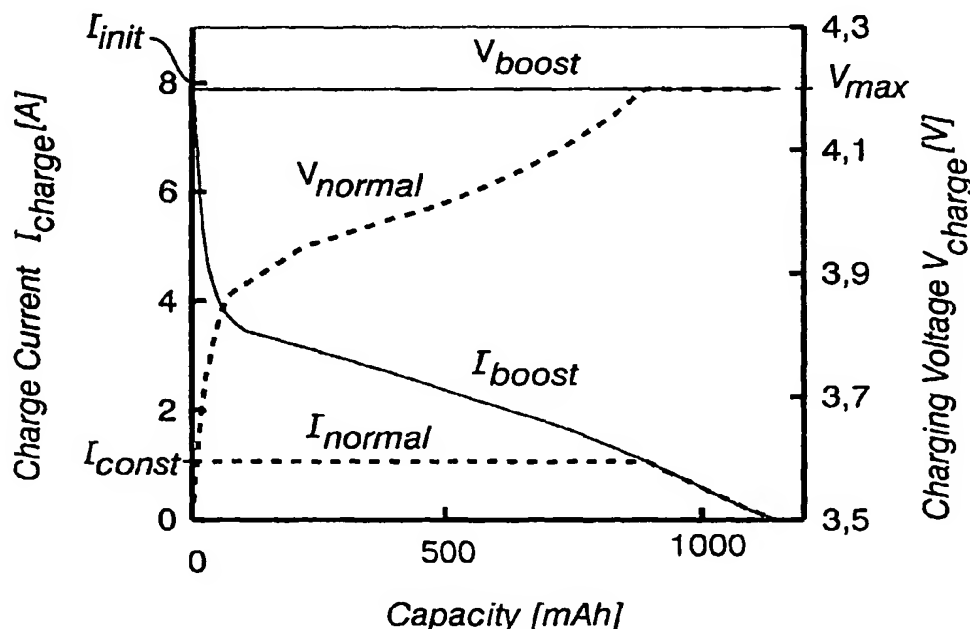
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[Continued on next page]

(54) Title: CHARGER FOR RECHARGEABLE BATTERIES



(57) Abstract: A battery charger (1) for charging rechargeable batteries and/or battery packs (5) is disclosed. Preferably the charger can apply two modes of charging a battery. In a normal charging mode a battery is charged to full capacity at a low rate. In a boost charging mode the battery is charged very rapidly and preferably only to a certain degree, such as 75% of its maximum capacity. The boost charging mode makes it possible to provide some charge to the battery when the time available for charging is limited. The boost charging method is based on a very high initial charging current ( $I_{init}$ ).



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## INTERNATIONAL SEARCH REPORT

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 A. CLASSIFICATION OF SUBJECT MATTER  
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According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H02J H02M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

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X	US 5 589 755 A (KAITE OSAMU ET AL) 31 December 1996 (1996-12-31)	1,6,7,10
Y	column 4, line 26 - line 38 column 5, line 29 - line 61	3
Y	US 5 554 920 A (KOKUGA TOSHIHARU) 10 September 1996 (1996-09-10) abstract column 4, line 38 - line 47	3
A	US 4 698 579 A (HARDER HANS E ET AL) 6 October 1987 (1987-10-06) column 1, line 40 - line 60	7-10
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- \* & \* document member of the same patent family

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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